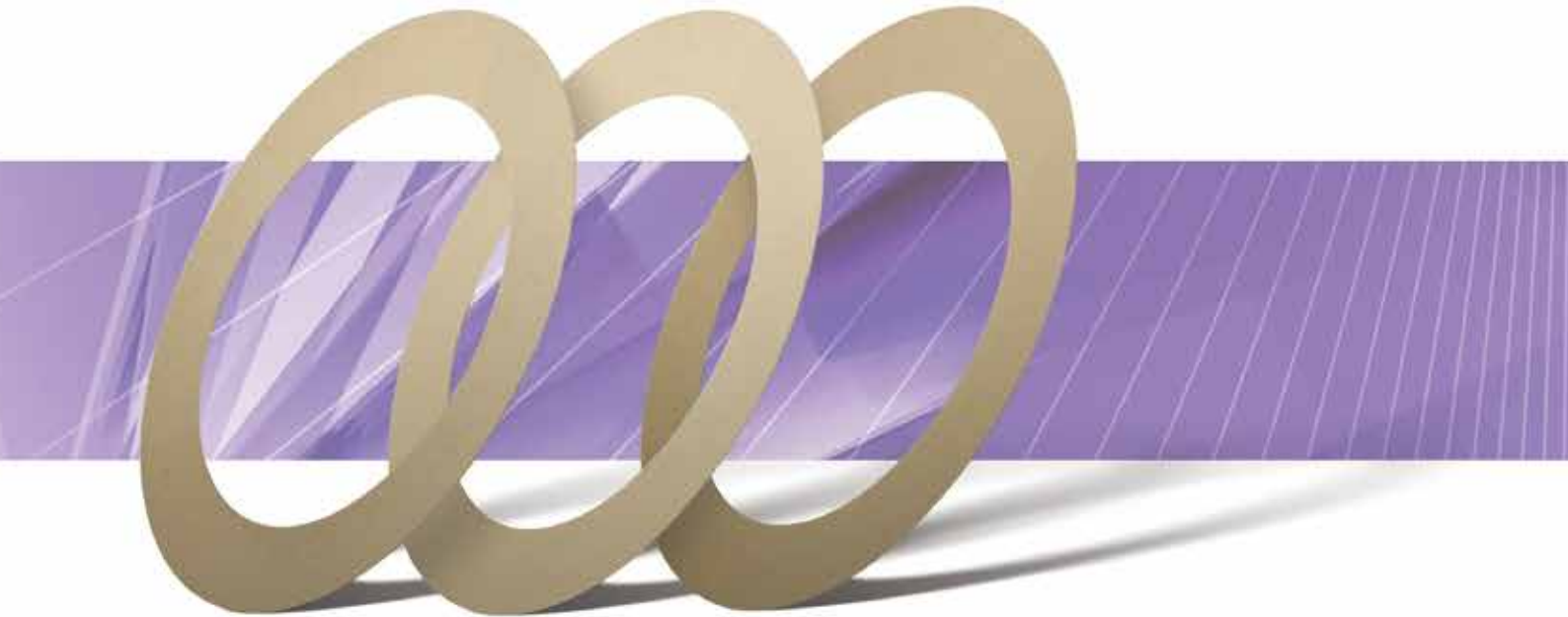


PRECISION ACCRETECH BLADE
METAL BOND BLADES
FOR GLASS
GM series



Metal blade series specialized in the glass cutting.
Realizes extended life of blades.

- With high rigidity, it can handle the thin blade with great straightness, it can also perform the high-speed cutting.
- Extensive bond lineup can meet the variety of applications.



■ Processing example Metal blade (GM series)



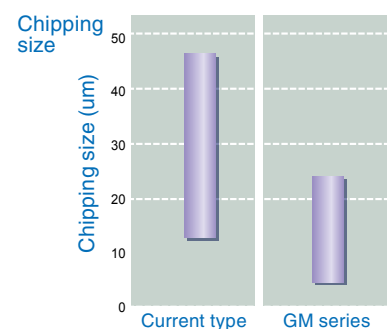
Current type

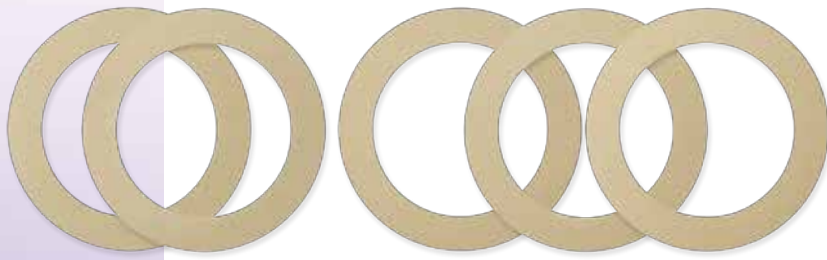


GM series

■ **IR/AR filter glass cutting**
Improved backside chipping and peeling enabled higher-speed cutting.

■ **Cutting conditions**
Glass : 0.2mm
Feed speed : 10mm/sec





■ Specification

1A8

Shape

MD

Grit type

800

Grit size

75

Concentration

GM700

Bond

■ Grit type

MD	Standard grit type
XD	Coating grit type

■ Concentration

25 to 125

■ Dimension

56D

O.D.

0.15T

Blade thickness

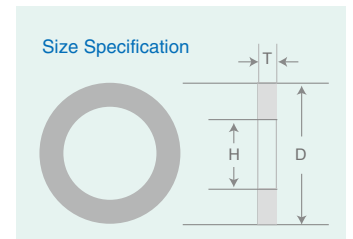
40H

I.D.

■ Standard Dimension

O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 120	+ 0.05 - 0	0.08 to 0.4	± 0.005	25.4 to 88.9	H6

#325 is ±0.01.



■ Availability by mesh size

Mesh size	MD	XD
4000	•	•
2500	•	•
2000	•	•
1300	•	•
1200	•	•
1000	•	•
800	•	•
700	•	•
600	•	•
500	•	•
400	•	•
325	•	•

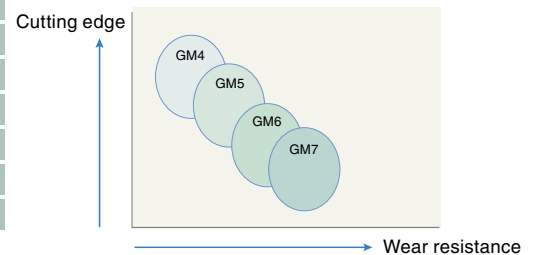
■ Available blade thickness by mesh size

Mesh size	Blade thickness (mm)			
	0.08 to <0.1	0.1 to <0.15	0.15 to <0.2	0.2 to ≤0.4
4000	•	•	•	•
2500	•	•	•	•
2000	•	•	•	•
1300	•	•	•	•
1200	•	•	•	•
1000	•	•	•	•
800	•	•	•	•
700	•	•	•	•
600	•	•	•	•
500	•	•	•	•
400	•	•	•	•
325	•	•	•	•

■ Bond

GM4 Series		GM6 Series	
GM405	Standard	GM600	Hard
GM410	Soft	GM625	Standard
		GM650	Soft

GM5 Series		GM7 Series	
GM500	Hard	GM700	Hard
GM525	Standard	GM725	Standard
GM550	Soft	GM750	Soft



■ Ordering the product

When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) Shape and size/ Detailed blade shape and precision.
- 2) Specifications/ Desired specification as well as the current in-use blade.
- 3) Cutting work and condition/ Machine in use, RPM, feed speed, coolant flow rate.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

- * The catalog is subject to change without notice.
- * The catalog is not to guarantee the product quality.